Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 27 Dec 2023 until 23:59 on Thursday 28 Dec 2023

Forecast Issued on Wednesday 27 Dec 2023 at 00:16

Confidence: High confidence for unsettled conditions, lower confidence for detail towards the end of the week.

Headline for Wednesday 27 Dec 2023: Very wet and windy on Wednesday, improving into the evening.

Mountain weather hazards on Wednesday 27 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Light rain	Heavy Rain	Partly cloudy (night)	Light rain showers (night)
Precipitation probability					
80%	70%	60%	70%	30%	50%

Forecast for Wednesday 27 Dec 2023

Weather: Heavy rain and strong winds will persist until late afternoon but with some slightly drier interludes late morning. Drier with clear spells for a time into the evening before heavy rain and hail showers push in from the west late evening.

Chance of cloud-free hill tops above 600m: 20-30%, improving to 80% for a time late afternoon/evening.

Low cloud and visibility: Scattered or broken cloud base 500-700m, clearing late afternoon, further cloud base 500-700m later in association with showers. Visibility moderate or poor in heavy rain and hill fog, good in drier interludes later.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Wednesday 27 Dec 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	28/35 SE	32/43 S	37/50 S	37/51 SW	31/42 SW	31/43 SW	40/56 SW
300	25/37 SE	25/36 S	29/43 S	29/43 SW	22/33 SW	24/35 SW	31/48 SW
Valley	16/34 SE	16/36 SE	19/42 S	20/42 SW	15/32 SW	16/34 SW	21/46 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-4	6/0	8/2	8/2	4/-3	3/-4	3/-4
300	5/-0	8/4	10/6	10/5	6/1	6/0	6/0
Valley	5/1	8/5	10/7	10/6	7/3	6/2	6/2
Freezing Level*	1700m	2200m	2200m	1700m	1100m	1100m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong winds and heavy rain will cause hazardous conditions for much of the day.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Wed 27 Dec 2023	3.7mm	10.6mm	23.5mm

Forecast for Thursday 28 Dec 2023

Weather: Scattered heavy showers are expected throughout much of the day on Thursday accompanied by strong winds. Becoming drier and brighter into the evening.

Maximum wind: Southwesterly 20-30 mph gusting 40-50 mph

Chance of cloud-free hill tops above 600m: 70%

Low cloud and visibility: Few or scattered low cloud base 600-800m. Visibility moderate or poor in showers, otherwise good.

Temperature: **Valleys:** Plus 6 or 7 Celsius
At 600m: Plus 3 to 5 Celsius
Freezing level: 1000-1200m

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